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		Application Number	10/748,831
TRANSMITTAL		Filing Date	12/30/2003
FORM		First Named Inventor	Richard Boyd
for all correspondence after initial fili	ng)	Art Unit	TBA
		Examiner Name	TBA
	20	Attorney Docket Number	NOD 0400D0/000000 4551104

Tota	al Number of Pages in This Submission	20 Attorney Do	cket Number	NOR-016C	P2/286336.155US1		
		ENCLOSURES	(Check all that a	apply)			
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53		Petition Petition to Cor Provisional Ap Power of Attor Change of Col Terminal Discl Request for Re	Licensing-related Papers Petition Petition to Convert to a Provisional Application Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s) Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Proprietary Information Status Letter Other Enclosure(s) (please Identify below): - Postcard - Forms PTO-1449				
	SIGNA	TURE OF APPLIC	ANT, ATTORNE	Y, OR AGENT			
Firm or Individ	lual name	Nancy W	ʻilker				
Signat	ure / / ¿ ll	helpen					
Date			08/06/2004	-			
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Boyd, Richard

Examiner: TBA

Serial No.:

10/748,831

Group Art Unit: TBA

Date Filed:

December 30, 2003

For: Hematopoietic Stem Cell Gene Therapy

Atty. Docket No.: NOR-016CP2/286336.155US1

CERTIFICATION OF MAILING UNDER 37 C.F.R. 1.8(a)

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August 6, 2004

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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b)(3), the Applicant herewith submits the references on the attached Form PTO-1449, of which copies are enclosed. It is respectfully requested that the information enclosed be expressly considered during the prosecution of this application and that the publications be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In this regard, it is asked that the Examiner initial and return a copy of the attached Form PTO-1449 with the next Patent Office Communication.

This submission does not represent that a search has been carried out nor does it constitute an admission that the listed documents are material to the patentability of the invention, or that this enclosed art represents prior art. Applicant reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

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It is the Applicant's belief that the filing of this Information Disclosure Statement precedes the date of the mailing of the first Office Action on the merits, therefore, pursuant to 37 C.F.R. §1.97(b)(3), no fee is believed to be due. In the event that any outstanding fee(s) are due, the Commissioner is authorized to charge any fee deficiency or credit any overpayment to Deposit Account No. <u>08-0219</u>.

Respectfully submitted,

Agent for Applicants

Ann-Louise Kerner, Ph.D., Reg. No. 33,523

Date: August 6, 2004

WILMER CUTLER PICKERING HALE AND DORR LLP 60 State Street Boston, MA 02119 (617)-526-6000 (Telephone) (617)-526-5000 (Facsimile)

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Docket Number NOR-016CP2/ 286336.155US1 Application Number 10/748,831

Applicant Boyd, Richard

Sheet 1 OF

Filing Date December 30, 2003 Group Art Unit TBA

		U.S.	Patent Documen	ts	_	1
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	3,992,365	Nov 16, 1976	Beddell et al.			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS YES	LATION NO	
	76177/91	Nov 19, 1992	Australia					
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	181236	May 14, 1986	Europe					
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	A 1	Aboudkhil <i>et al.</i> , (1991) <i>Scand. J. Immunol.</i> 34, 647-653
, A	A2	Akashi et al., (1997) Cell 89(7) 1033-1041
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	4,024,121	May 17, 1977	Schally et al.						
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EXAMINER	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
INITIAL	NUMBER	575		02.00	00000.00	YES	NO		
	413209	Feb 20, 1991	Europe						
	7923545	Sep 21, 1979	France						
	2509783	Sep 11, 1975	Germany						
	9112825	Jul 31, 1991	Great Britain						
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A13	Atlan-Gepner, C., Naspetti, M., et al., (1999) Autoimmunity 3:249-260
A14	Bach (1983) Birth Defects Original Article Ser. 19(3): 245-253
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4,490,291	Dec 25, 1984	Fujino				
	4,608,251	Aug 26, 1986	Mia				
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	4,866,160	Sep 12, 1989	Coy et al.				
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EXAMINER	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
INITIAL	NUMBER	DATE	00011111		00000100	YES	NO
	WO 88/01176	Feb 25, 1988	WO				
	WO 92/19746	Nov 12, 1992	wo				
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A17	Basch, Ross S. (1990) Aging: Immunology and Infectious Disease, Vol. 2, No. 4, 229-235
A18	Batard et al., (2000) J. Cell. Sci. 113:383-90
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		Foreign	Patent Docum	nents			
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INITIAL	NUMBER	5/112		02.00	000000000	YES	NO
	WO 94/26877	Nov 24, 1994	WO				
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A22	Berzins, S.P., Boyd, R.L. and Miller, J.F.A.P., (1998) <i>J Exp. Med.</i> 187: 1839
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December 30, 2003

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,559,703	Sep 24, 1996	lwata et al.			
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INITIAL	NUMBER			02.00	00202.00	YES	NO
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АЗ	Carayon, P., and Bord, A., (1992) <i>J. Imm. Methods</i> 147:225

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Applicant Boyd, Richard

				Filing Date	Group Art Unit
Sheet	6	OF	17	December 30, 2003	TBA

		U.S.	Patent Document	s		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,658,892	Aug 19, 1997	Flotte et al.			
	5,681,559	Oct 28, 1997	DiGiusto et al.			
	5,736,524	Apr 7, 1998	Content et al.			
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	5,811,275	Sep 22, 1998	Wong-Staal et al.			
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		Foreign	Patent Docum	ents			
EXAMINER	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
INITIAL	NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
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A35	Castle, S.C., (2000) Clin Infect Dis 31(2): 578-585
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Applicant Boyd, Richard

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,876,708	Mar 2, 1999	Sachs			
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U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,558,663	May 6, 2003	Seebach et al.			

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Applicant Boyd, Richard

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A72	George, A. J. and Ritter, M.A., (1996) Immunol. Today 17:267
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A80	Graham, F.L. and Van Der Eb, A.J., (1973) <i>Virology</i> 52:456-457
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